## **EAST Search History**

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S16	191	(pilot\$1 or training or auxilary) near5 (optim\$5 or desire\$1 or best\$1) and antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 11:44
S17	66	(pilot\$1 or training or auxilary) near2 (optim\$5 or desire\$1 or best\$1) and antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 14:16
S18	21	(pilot\$1 or training or auxilary) near2 (optim\$5 or desire\$1 or best\$1) same antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 16:02
S20	136	(pilot\$1 or train\$4 or auxilary or predetermin\$3 or calibrat\$4) near3 (detect\$4 or identify\$4 or identification\$1) with modulat\$4 near3 cod\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 15:54
S21	3	(pilot\$1 or train\$4 or auxilary or predetermin\$3 or calibrat\$4) near3 (detect\$4 or identify\$4 or identification\$1) with modulat\$4 near3 cod\$4 and antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 15:41
S22	11	(pilot\$1 or train\$4 or auxilary or predetermin\$3 or calibrat\$4) near3 (detect\$4 or identify\$4 or identification\$1) same modulat\$4 near3 cod\$4 and antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 15:45
S24	58	(pilot\$1 or training or auxilary) near2 (detect\$4 or identify\$4 or identificat\$4) same demodulat\$4 and antenna\$1 near3 (element\$1 or diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 16:58
S25	233	(pilot\$1 or training or auxilary) near2 (detect\$4 or identify\$4 or identificat\$4) same frequenc\$3 near2 band\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 16:59
S26	65	(pilot\$1 or training or auxilary) near2 (detect\$4 or identify\$4 or identificat\$4) same frequenc\$3 near2 band\$1 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 16:59

## **EAST Search History**

1						
S27	78	antenna near2 (diversity or element\$1) and weight\$4 same (pilot or reference or train\$4 or known) with (data\$1 or information\$1) with (detect\$4 or identify\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 12:46
S28	4033	(375/316,347,334,335,336,341, 349).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/13 14:04
S29	432	S28 and antenna near2 (diversity or element\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 14:04
S30	255	S29 and weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 14:05
S32	89	S30 and pilot\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 14:05
S39	69	antenna\$1 near3 (diversit\$3 or diversif\$4 or element\$1 or smart\$1) and weight\$4 same antenna\$1 with (pilot\$1 or train\$4 or auxilar\$3 or known) same (optimiz\$4 or maximi\$6 or minimi\$6) same (energ\$3 or power\$1 or strength\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 19:14
S40	47	antenna\$1 near3 (diversit\$3 or diversif\$4 or element\$1 or smart\$1) and weight\$4 same antenna\$1 with (pilot\$1 or train\$4 or auxilar\$3 or known) same (optimiz\$4 or maximi\$6 or minimi\$6) with (energ\$3 or power\$1 or strength\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 12:24
S43	36	antenna\$1 near3 (diversit\$3 or diversif\$4 or element\$1 or smart\$1) and weight\$4 same antenna\$1 with (pilot\$1 or train\$4 or auxilar\$3 or known) same (energ\$3 or power\$1 or strength\$1) same (threshold\$1 or predetermin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 12:48

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S44	11	antenna\$1 near3 (diversit\$3 or diversif\$4 or element\$1 or smart\$1) and weight\$4 same antenna\$1 with (pilot\$1 or train\$4 or auxilar\$3 or known) same (energ\$3 or power\$1 or strength\$1) with (threshold\$1 or predetermin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/30 12:35
S52	1	("6621851").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/30 17:51
S54	19	antenna near3 (element\$1 or diversity or array\$1) same adjust\$4 near6 (weight\$1 or coefficient\$1) same (quadrature\$1 or inphase\$1 or (in adj1 phase\$1) or real\$1 or imaginar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 16:47
S56	149	antenna near3 (element\$1 or diversity or array\$1) same adjust\$4 near6 (phase\$1 or amplitude\$1 or quadrature\$1 or inphase\$1 or (in adj1 phase\$1) or real\$1 or imaginar\$3) and pilot\$1 near3 signal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 17:00
S57	16	antenna near3 (element\$1 or diversity or array\$1) same adjust\$4 near6 (i or q or quadrature\$1 or inphase\$1 or (in adj1 phase\$1) or real\$1 or imaginar\$3) and pilot\$1 near3 signal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 17:06
S58	19	antenna near3 (element\$1 or diversity or array\$1) and adjust\$4 near6 (quadrature\$1 or inphase\$1 or (in adj1 phase\$1) or real\$1 or imaginar\$3) and pilot\$1 near3 signal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 17:06

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